48B--Hiwood Fine Sand, 0 To 6 Percent Slopes

Component Description

Hiwood and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on outwash plain
Flat on outwash plain
Flat on lake plain
Rise on lake plain
Slope range: 0 to 6 percent
Surface layer texture: Fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 5.2 inches
Content of organic matter in the upper 10 inches: 0.8 percent
Typical profile:
H1--0 to 6 inches; fine sand
H2--6 to 46 inches; fine sand
H3--46 to 60 inches; fine sand

52--Augsburg Loam

Component Description

Augsburg and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 9.2 inches
Content of organic matter in the upper 10 inches: 4.4 percent
Typical profile:
H1--0 to 8 inches; loam
H2--8 to 15 inches; very fine sandy loam
H3--15 to 22 inches; loamy very fine sand
H4--22 to 60 inches; clay

77B--Garnes Fine Sandy Loam, 1 To 4 Percent Slopes

Component Description

Garnes and similar soils
Extent: 100 percent of the unit
Geomorphic description:

Rise on lake plain
Flat on lake plain
Slope range: 1 to 4 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained

Flooding: None
Wet soil moisture status is highest (depth, months):
4.3 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 10.3 inches
Content of organic matter in the upper 10 inches: 1.1 percent
Typical profile:
H1--0 to 7 inches; fine sandy loam
H2--7 to 15 inches; clay loam
H3--15 to 60 inches; fine sandy loam

116--Redby Loamy Fine Sand

Component Description

Redby and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on beach plain
Flat on lake plain
Slope range: 0 to 3 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.3 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 4.6 inches
Content of organic matter in the upper 10 inches: 0.6 percent
Typical profile:
H1--0 to 3 inches; loamy fine sand
H2--3 to 19 inches; fine sand
H3--19 to 60 inches; fine sand

117--Cormant Loamy Fine Sand

Component Description

Cormant and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on outwash plain
Flat on outwash plain
Swale on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained

Flooding: None
Wet soil moisture status is highest (depth, months):
1.5 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 4.9 inches
Content of organic matter in the upper 10 inches: 3.9 percent
Typical profile:
H1--0 to 6 inches; loamy fine sand
H2--6 to 60 inches; fine sand

122B--Taylor Loam, 1 To 8 Percent Slopes

Component Description

Taylor and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 1 to 8 percent
Surface layer texture: Loam
Depth to restrictive feature:

Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.5 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 9.7 inches
Content of organic matter in the upper 10 inches: 2.5 percent
Typical profile:
H1--0 to 12 inches; loam
H2--12 to 29 inches;
H3--29 to 60 inches; silty clay

145--Enstrom Loamy Sand

Component Description

Enstrom and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 0 to 3 percent
Surface layer texture: Loamy sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.7 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 8.5 inches
Content of organic matter in the upper 10 inches: 1.1 percent

Typical profile:
H1--0 to 4 inches; loamy sand
H2--4 to 25 inches; sand
H3--25 to 60 inches; loam

147--Spooner Very Fine Sandy Loam

Component Description

Spooner and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Very fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet January February March April May June July November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September October
Ponding: None
Available water capacity to a depth of 60 inches: 11.8 inches
Content of organic matter in the upper 10 inches: 2.1 percent
Typical profile:
H1--0 to 6 inches; very fine sandy loam
H2--6 to 15 inches; loamy very fine sand
H3--15 to 22 inches; loam
H4--22 to 60 inches; silt loam

167B--Baudette Fine Sandy Loam, 1 To 4 Percent Slopes

Component Description

Baudette and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 1 to 4 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.2 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 11.7 inches
Content of organic matter in the upper 10 inches: 1.8 percent
Typical profile:
H1--0 to 6 inches; fine sandy loam
H2--6 to 12 inches; fine sandy loam
H3--12 to 19 inches; silty clay loam
H4--19 to 60 inches; silt loam

172--Indus Clay Loam

Component Description

Indus and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot January February March April May June July October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September
Ponding: None
Available water capacity to a depth of 60 inches: 7.8 inches
Content of organic matter in the upper 10 inches: 0.8 percent
Typical profile:
H1--0 to 2 inches; clay loam
H2--2 to 4 inches; clay loam
H3--4 to 18 inches; clay
H4--18 to 60 inches; clay

187--Haug Muck

Component Description

Haug and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status: At the surface all year
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 13.1 inches
Content of organic matter in the upper 10 inches: 70.0 percent
Typical profile:
H1--0 to 15 inches; muck
H2--15 to 18 inches; fine sandy loam
H3--18 to 60 inches; sandy loam

191--Epoufette Loamy Fine Sand

Component Description

Epoufette and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on outwash plain
Flat on outwash plain
Slope range: 0 to 2 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.2 feet January February March April May June November December

Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September October
Ponding: None
Available water capacity to a depth of 60 inches: 2.8 inches
Content of organic matter in the upper 10 inches: 4.0 percent
Typical profile:
H1--0 to 10 inches; loamy fine sand
H2--10 to 20 inches; sandy loam
H3--20 to 60 inches; coarse sand

195B--Taylor Loamy Fine Sand, 1 To 4 Percent Slopes

Component Description

Taylor and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 1 to 4 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.5 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 7.5 inches
Content of organic matter in the upper 10 inches: 2.5 percent
Typical profile:
H1--0 to 12 inches; loamy fine sand
H2--12 to 18 inches; silty clay
H3--18 to 60 inches; silty clay

202--Meehan Loamy Sand

Component Description

Meehan and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on outwash plain
Flat on outwash plain
Slope range: 0 to 3 percent
Surface layer texture: Loamy sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):

1.7 feet January February March April May June October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September
Ponding: None
Available water capacity to a depth of 60 inches: 4.9 inches
Content of organic matter in the upper 10 inches: 1.8 percent
Typical profile:
H1--0 to 15 inches; loamy sand
H2--15 to 40 inches; sand

H3--40 to 60 inches; sand

205--Karlstad Loamy Sand

Component Description

Karlstad and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on outwash plain
Flat on outwash plain
Rise on beach plain
Flat on beach plain
Slope range: 0 to 2 percent
Surface layer texture: Loamy sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.2 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 3.2 inches
Content of organic matter in the upper 10 inches: 2.5 percent
Typical profile:
H1--0 to 10 inches; loamy sand
H2--10 to 15 inches; sandy loam
H3--15 to 60 inches; stratified very gravelly coarse sand to loamy fine sand

242B--Marquette Loamy Sand, 1 To 8 Percent Slopes

Component Description

Marquette and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Hillslope on beach ridge
Hillslope on outwash plain
Slope range: 1 to 8 percent
Surface layer texture: Loamy sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Excessively drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 3.7 inches
Content of organic matter in the upper 10 inches: 2.0 percent
Typical profile:
H1--0 to 16 inches; loamy sand
H2--16 to 21 inches; very gravelly loam
H3--21 to 60 inches; stratified extremely gravelly coarse sand to fine sand

242D--Marquette Loamy Fine Sand, 8 To 25 Percent Slopes

Component Description

Marquette and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Hillslope on beach ridge
Hillslope on outwash plain

Slope range: 8 to 25 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Excessively drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 2.5 inches
Content of organic matter in the upper 10 inches: 1.2 percent
Typical profile:
H1--0 to 4 inches; loamy fine sand
H2--4 to 8 inches; gravelly coarse sandy loam
H3--8 to 60 inches; stratified extremely gravelly coarse sand to fine sand

280--Pelan Sandy Loam

Component Description

Pelan and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 0 to 3 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
4.3 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 6.3 inches
Content of organic matter in the upper 10 inches: 1.1 percent
Typical profile:
H1--0 to 4 inches; sandy loam
H2--4 to 6 inches; loamy sand
H3--6 to 15 inches; very gravelly sandy loam
H4--15 to 38 inches; gravelly coarse sand
H5--38 to 60 inches; loam

379--Percy Loam, Very Stony

Component Description

Percy and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None

Available water capacity to a depth of 60 inches: 9.8 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 6 inches; loam
H2--6 to 10 inches; sandy loam
H3--10 to 30 inches; sandy loam
H4--30 to 60 inches; sandy loam

387--Roliss Loam, Depressional

Component Description

Roliss and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface March April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February August September October November December
Ponding: At 0.0 foot all year
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 10 inches; loam
H3--10 to 60 inches; loam

404--Chilgren Fine Sandy Loam

Component Description

Chilgren and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.1 percent
Typical profile:
H1--0 to 3 inches; fine sandy loam
H2--3 to 8 inches; loamy fine sand
H3--8 to 14 inches; loam
H4--14 to 60 inches; loam

425--Donaldson Loamy Very Fine Sand

Component Description

Donaldson and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Loamy very fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
4.3 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 9.1 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 10 inches; loamy very fine sand
H2--10 to 38 inches; very fine sand
H3--38 to 60 inches; silty clay loam

432--Strandquist Sandy Loam

Component Description

Strandquist and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet January February March April May June November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September October
Ponding: None
Available water capacity to a depth of 60 inches: 6.4 inches
Content of organic matter in the upper 10 inches: 3.6 percent
Typical profile:
H1--0 to 8 inches; sandy loam
H2--8 to 36 inches; very gravelly sand
H3--36 to 60 inches; loam

458B--Menahga Loamy Sand, 0 To 6 Percent Slopes

Component Description

Menahga and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Hillslope on beach ridge
Slope range: 0 to 6 percent
Surface layer texture: Loamy sand
Depth to restrictive feature:
Very deep (more than 60 inches)

Drainage class: Excessively drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 3.7 inches
Content of organic matter in the upper 10 inches: 0.9 percent
Typical profile:
H1--0 to 3 inches; loamy sand
H2--3 to 32 inches; sand
H3--32 to 60 inches; sand

481--Kratka Fine Sandy Loam

Component Description

Kratka and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 8.1 inches
Content of organic matter in the upper 10 inches: 3.3 percent
Typical profile:
H1--0 to 9 inches; fine sandy loam
H2--9 to 25 inches; loamy fine sand
H3--25 to 60 inches; loam

482--Grygla Loamy Fine Sand

Component Description

Grygla and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Swale on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet January February March April May June July November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September October
Ponding: None
Available water capacity to a depth of 60 inches: 9.2 inches
Content of organic matter in the upper 10 inches: 1.8 percent
Typical profile:
H1--0 to 6 inches; loamy fine sand
H2--6 to 21 inches; fine sand
H3--21 to 60 inches; sandy loam

514--Tacoosh Muck

Component Description

Tacoosh and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Bog on lake plain
Bog on moraine
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May September October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet June July August
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 21.2 inches
Content of organic matter in the upper 10 inches: 87.0 percent
Typical profile:
H1--0 to 6 inches; muck
H2--6 to 36 inches; mucky peat
H3--36 to 60 inches; sandy loam

532--Sago Muck

Component Description

Sago and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June July October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 13.2 inches
Content of organic matter in the upper 10 inches: 72.5 percent
Typical profile:
H1--0 to 13 inches; muck
H2--13 to 60 inches;

540--Seelyeville Mucky Peat

Component Description

Seelyeville and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Mucky peat
Depth to restrictive feature:
Very deep (more than 60 inches)

Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 23.9 inches
Content of organic matter in the upper 10 inches: 62.0 percent
Typical profile:
H1--0 to 3 inches; mucky peat
H2--3 to 60 inches; muck

541--Rifle Mucky Peat

Component Description

Rifle and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Mucky peat
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September October
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 31.7 inches
Content of organic matter in the upper 10 inches: 70.0 percent
Typical profile:
H1--0 to 3 inches; mucky peat
H2--3 to 60 inches; mucky peat

543--Markey Muck

Component Description

Markey and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on outwash plain
Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September October
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 13.1 inches
Content of organic matter in the upper 10 inches: 70.0 percent
Typical profile:
H1--0 to 28 inches; muck
H2--28 to 60 inches; sand

544--Cathro Muck

Component Description

Cathro and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on moraine
Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 16.5 inches
Content of organic matter in the upper 10 inches: 72.5 percent
Typical profile:
H1--0 to 12 inches; muck
H2--12 to 25 inches; muck
H3--25 to 60 inches; clay loam

546--Lupton Mucky Peat

Component Description

Lupton and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Mucky peat
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot January February March April May September October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet June July August
Ponding: None
Available water capacity to a depth of 60 inches: 24.7 inches
Content of organic matter in the upper 10 inches: 64.0 percent
Typical profile:
H1--0 to 8 inches; mucky peat
H2--8 to 60 inches; muck

549--Greenwood Peat

Component Description

Greenwood and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Peat
Depth to restrictive feature:

Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot January February March April May June September October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August
Ponding: None
Available water capacity to a depth of 60 inches: 31.7 inches
Content of organic matter in the upper 10 inches: 65.0 percent
Typical profile:
H1--0 to 18 inches; peat
H2--18 to 60 inches; mucky peat

560--Greenwood-Lobo Peats

Component Description

Greenwood and similar soils
Extent: 50 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Peat
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot January February March April May June September October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August
Ponding: None
Available water capacity to a depth of 60 inches: 31.4 inches
Content of organic matter in the upper 10 inches: 65.0 percent
Typical profile:
H1--0 to 15 inches; peat
H2--15 to 60 inches; mucky peat

Lobo and similar soils
Extent: 40 percent of the unit
Geomorphic description:
Raised bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Peat
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status: At 1.0 foot all year
Ponding: None
Available water capacity to a depth of 60 inches: 33.7 inches
Content of organic matter in the upper 10 inches: 62.0 percent
Typical profile:
H1--0 to 38 inches; peat
H2--38 to 60 inches; mucky peat

563--Northwood Muck

Component Description

Northwood and similar soils
Extent: 100 percent of the unit
Geomorphic description:

Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June July November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September October
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 10.9 inches
Content of organic matter in the upper 10 inches: 62.3 percent
Typical profile:
H1--0 to 9 inches; muck
H2--9 to 12 inches; loamy sand
H3--12 to 27 inches; fine sand
H4--27 to 60 inches; clay loam

565--Eckvoll Loamy Fine Sand

Component Description

Eckvoll and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 0 to 3 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.0 feet March April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 8.2 inches
Content of organic matter in the upper 10 inches: 1.2 percent
Typical profile:
H1--0 to 4 inches; loamy fine sand
H2--4 to 24 inches; fine sand
H3--24 to 28 inches; clay loam
H4--28 to 60 inches; loam

568--Zippel Very Fine Sandy Loam

Component Description

Zippel and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Very fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet January February March April May

June July November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September October
Ponding: None
Available water capacity to a depth of 60 inches: 10.8 inches
Content of organic matter in the upper 10 inches: 3.0 percent
Typical profile:
H1--0 to 7 inches; very fine sandy loam
H2--7 to 12 inches; very fine sandy loam
H3--12 to 60 inches;

569--Wabanica Silt Loam

Component Description

Wabanica and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Swale on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Silt loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet January February March April May
June July November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September October
Ponding: None
Available water capacity to a depth of 60 inches: 12.0 inches
Content of organic matter in the upper 10 inches: 2.5 percent
Typical profile:
H1--0 to 8 inches; silt loam
H2--8 to 11 inches; silt loam
H3--11 to 60 inches; silt loam

570--Faunce Fine Sand

Component Description

Faunce and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Hillslope on beach ridge
Rise on beach ridge
Slope range: 0 to 4 percent
Surface layer texture: Fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 3.4 inches
Content of organic matter in the upper 10 inches: 0.7 percent
Typical profile:
H1--0 to 3 inches; fine sand
H2--3 to 14 inches; fine sand
H3--14 to 20 inches; loamy coarse sand
H4--20 to 60 inches; stratified gravelly sand to sand

581--Percy Fine Sandy Loam

Component Description

Percy and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 9.6 inches
Content of organic matter in the upper 10 inches: 5.4 percent
Typical profile:
H1--0 to 8 inches; fine sandy loam
H2--8 to 15 inches; fine sandy loam
H3--15 to 60 inches; loam

582--Roliss Clay Loam

Component Description

Roliss and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Swale on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 4.8 percent
Typical profile:
H1--0 to 9 inches; clay loam
H2--9 to 15 inches; clay loam
H3--15 to 60 inches; clay loam

616--Effie Loam

Component Description

Effie and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Swale on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained

Flooding: None
Wet soil moisture status is highest (depth, months):
1.7 feet March April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 9.9 inches
Content of organic matter in the upper 10 inches: 1.2 percent
Typical profile:
H1--0 to 6 inches; loam
H2--6 to 14 inches; clay
H3--14 to 60 inches; clay loam

626--Suomi Loam, 1 To 4 Percent Slopes

Component Description

Suomi and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Rise on lake plain
Slope range: 1 to 4 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.7 feet April May
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March June July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 9.1 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 8 inches; loam
H2--8 to 20 inches; clay loam
H3--20 to 60 inches; clay loam

627--Tawas Muck

Component Description

Tawas and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot January February March April May November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet June July August September October
Ponding: None
Available water capacity to a depth of 60 inches: 16.0 inches
Content of organic matter in the upper 10 inches: 50.0 percent
Typical profile:

H1--0 to 8 inches; muck
H2--8 to 36 inches; muck
H3--36 to 60 inches; fine sand

630--Wildwood Mucky Peat

Component Description

Wildwood and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Mucky peat
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June September October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 5.9 inches
Content of organic matter in the upper 10 inches: 62.0 percent
Typical profile:
H1--0 to 10 inches; mucky peat
H2--10 to 18 inches; clay
H3--18 to 60 inches; clay

641--Clearwater Clay

Component Description

Clearwater and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Clay
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June July
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 10.0 inches
Content of organic matter in the upper 10 inches: 4.3 percent
Typical profile:
H1--0 to 9 inches; clay
H2--9 to 18 inches; clay
H3--18 to 60 inches; clay

644--Boash Clay Loam

Component Description

Boash and similar soils

Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Swale on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.0 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 9.8 inches
Content of organic matter in the upper 10 inches: 3.8 percent
Typical profile:
H1--0 to 7 inches; clay loam
H2--7 to 35 inches; clay
H3--35 to 60 inches; loam

655--Bearville Loamy Fine Sand

Component Description

Bearville and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Swale on lake plain
Slope range: 0 to 2 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot January February March April May June October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September
Ponding: None
Available water capacity to a depth of 60 inches: 7.6 inches
Content of organic matter in the upper 10 inches: 1.4 percent
Typical profile:
H1--0 to 4 inches; loamy fine sand
H2--4 to 13 inches; fine sand
H3--13 to 16 inches; sandy clay loam
H4--16 to 24 inches; clay
H5--24 to 60 inches; clay

702--Bullwinkle-Cathro Mucks

Component Description

Bullwinkle and similar soils
Extent: 50 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None

Wet soil moisture status: At 0.5 foot all year
Ponding: None
Available water capacity to a depth of 60 inches: 20.4 inches
Content of organic matter in the upper 10 inches: 72.5 percent
Typical profile:
H1--0 to 28 inches; muck
H2--28 to 42 inches; muck
H3--42 to 44 inches; sandy loam
H4--44 to 60 inches; loam

Cathro and similar soils
Extent: 40 percent of the unit
Geomorphic description:
Bog on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June October November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 16.5 inches
Content of organic matter in the upper 10 inches: 72.5 percent
Typical profile:

H1--0 to 12 inches; muck
H2--12 to 25 inches; muck
H3--25 to 60 inches; clay loam

755--Woodslake Clay

Component Description

Woodslake and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Swale on lake plain
Flat on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Clay
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface April May June July August September October
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March November December
Ponding: At 0.2 foot all year
Available water capacity to a depth of 60 inches: 6.7 inches
Content of organic matter in the upper 10 inches: 3.1 percent
Typical profile:
H1--0 to 7 inches; clay
H2--7 to 19 inches; clay
H3--19 to 60 inches; clay

792--Fordum Fine Sandy Loam

Component Description

Fordum and similar soils

Extent: 100 percent of the unit
Geomorphic description:
Swale on flood plain
Flat on flood plain
Slope range: 0 to 2 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding does not occur (months):
January February July August September October November December
Flooding is most likely (frequency, months):
Frequent March April May June
Wet soil moisture status: At 0.5 foot all year
Ponding: None
Available water capacity to a depth of 60 inches: 8.2 inches
Content of organic matter in the upper 10 inches: 6.3 percent
Typical profile:
H1--0 to 8 inches; fine sandy loam
H2--8 to 39 inches; fine sandy loam
H3--39 to 60 inches; stratified sand to silt loam

794--Faunce Variant Loamy Fine Sand

Component Description

Faunce variant and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on beach plain
Flat on beach plain
Slope range: 0 to 3 percent
Surface layer texture: Loamy fine sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.0 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 3.2 inches
Content of organic matter in the upper 10 inches: 0.7 percent
Typical profile:
H1--0 to 3 inches; loamy fine sand
H2--3 to 15 inches; coarse sandy loam
H3--15 to 60 inches; stratified gravelly coarse sand to fine sand

828D--Insula-Mesaba Gravelly Loams, 2 To 30 Percent Slopes

Component Description

Insula and similar soils
Extent: 55 percent of the unit
Geomorphic description:
Hillslope on moraine
Slope range: 2 to 30 percent
Surface layer texture: Gravelly loam
Depth to restrictive feature:
Bedrock (lithic): 8 to 20 inches
Drainage class: Well drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 1.2 inches

Content of organic matter in the upper 10 inches: 0.8 percent
Typical profile:
H1--0 to 3 inches; gravelly loam
H2--3 to 11 inches; very gravelly loam
H3--11 to 21 inches; unweathered bedrock

Mesaba and similar soils
Extent: 35 percent of the unit
Geomorphic description:
Hillslope on moraine
Slope range: 2 to 30 percent
Surface layer texture: Gravelly loam
Depth to restrictive feature:
Bedrock (lithic): 20 to 40 inches
Drainage class: Well drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 2.9 inches
Typical profile:
H1--0 to 14 inches; gravelly loam
H2--14 to 22 inches; very cobbly coarse sandy loam
H3--22 to 32 inches; unweathered bedrock

952E--Quetico-Rock Outcrop Complex, 6 To 35 Percent Slopes

Component Description

Quetico and similar soils
Extent: 50 percent of the unit
Geomorphic description:
Hillslope on moraine
Slope range: 6 to 35 percent
Surface layer texture: Loam
Depth to restrictive feature:
Bedrock (lithic): 4 to 10 inches
Drainage class: Somewhat excessively drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 1.7 inches
Content of organic matter in the upper 10 inches: 2.4 percent
Typical profile:
H1--0 to 8 inches; loam
H2--8 to 18 inches; unweathered bedrock

Rock outcrop
Extent: 40 percent of the unit
Geomorphic description:
Hillslope on moraine
Slope range: 6 to 35 percent

1030--Udorthents-Pits, Gravel Complex

Component Description

Udorthents and similar soils
Extent: 60 percent of the unit
Geomorphic description:
Beach ridge
Slope range: 2 to 50 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 6.6 inches
Content of organic matter in the upper 10 inches: 0.8 percent
Typical profile:

H1--0 to 60 inches; fine sandy loam
H2--60 to 80 inches;

Pits
Extent: 40 percent of the unit

1033--Beaches-Menahga Complex

Component Description

Beaches
Extent: 60 percent of the unit
Geomorphic description:
Beach

Menahga and similar soils
Extent: 30 percent of the unit
Geomorphic description:
Hillslope on beach ridge
Slope range: 1 to 18 percent
Surface layer texture: Loamy sand
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Excessively drained
Flooding: None
Ponding: None
Available water capacity to a depth of 60 inches: 4.0 inches
Content of organic matter in the upper 10 inches: 1.1 percent
Typical profile:
H1--0 to 8 inches; loamy sand
H2--8 to 60 inches; sand

1059--Wega Silt Loam

Component Description

Wega and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Flat on flood plain
Slope range: 0 to 3 percent
Surface layer texture: Silt loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.0 feet April May June July August September October
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March November December
Ponding: None
Available water capacity to a depth of 60 inches: 8.6 inches
Content of organic matter in the upper 10 inches: 2.4 percent
Typical profile:
H1--0 to 8 inches; silt loam
H2--8 to 60 inches;

1066--Rock Outcrop-Garnes Complex, Very Stony

Component Description

Rock outcrop
Extent: 50 percent of the unit
Geomorphic description:
Rise on lake plain

Flat on lake plain

Garnes and similar soils
Extent: 35 percent of the unit
Geomorphic description:
Flat on lake plain
Rise on lake plain
Slope range: 0 to 6 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
4.3 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 10.2 inches
Content of organic matter in the upper 10 inches: 1.0 percent
Typical profile:
H1--0 to 5 inches; loam
H2--5 to 9 inches; clay loam
H3--9 to 60 inches; loam

1067--Waupaca-Eutroboralfs Complex, 0 To 60 Percent Slopes

Component Description

Waupaca and similar soils
Extent: 50 percent of the unit
Geomorphic description:
Swale on flood plain
Flat on flood plain
Slope range: 0 to 2 percent
Surface layer texture: Very fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding does not occur (months):
January February March November December
Flooding is most likely (frequency, months):
Occasional April May June July August September October
Wet soil moisture status is highest (depth, months):
0.5 foot April May June July August September October
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March November December

Ponding: None
Available water capacity to a depth of 60 inches: 7.4 inches
Content of organic matter in the upper 10 inches: 2.4 percent
Typical profile:
H1--0 to 8 inches; very fine sandy loam
H2--8 to 60 inches;

Eutroboralfs and similar soils
Extent: 40 percent of the unit
Geomorphic description:
Escarpment on stream terrace
Slope range: 12 to 60 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained

Flooding: None
Wet soil moisture status is highest (depth, months):
4.3 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 10.1 inches
Content of organic matter in the upper 10 inches: 0.9 percent
Typical profile:
H1--0 to 6 inches; fine sandy loam
H2--6 to 8 inches; loamy fine sand
H3--8 to 25 inches; loam
H4--25 to 80 inches; fine sandy loam

1807--Cathro Muck, Ponded

Component Description

Cathro and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on lake plain
Drainageway on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status: At the surface all year
Ponding: At 2.0 feet all year
Available water capacity to a depth of 60 inches: 17.1 inches
Content of organic matter in the upper 10 inches: 72.5 percent
Typical profile:
H1--0 to 21 inches; muck
H2--21 to 60 inches; silt loam

1808--Markey Muck, Ponded

Component Description

Markey and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Depression on lake plain
Drainageway on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet July August September October
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 13.1 inches

Content of organic matter in the upper 10 inches: 70.0 percent
Typical profile:
H1--0 to 28 inches; muck
H2--28 to 60 inches; fine sand

1923--Garnes Loam, Very Stony

Component Description

Garnes and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Rise on lake plain
Flat on lake plain
Slope range: 0 to 4 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
4.3 feet April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February March July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 10.2 inches
Content of organic matter in the upper 10 inches: 1.0 percent
Typical profile:
H1--0 to 5 inches; loam
H2--5 to 9 inches; clay loam
H3--9 to 60 inches; loam

1924--Grygla Fine Sandy Loam, Very Stony

Component Description

Grygla and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Swale on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Fine sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.2 feet January February March April May June July November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September October
Ponding: None
Available water capacity to a depth of 60 inches: 8.4 inches
Content of organic matter in the upper 10 inches: 1.8 percent
Typical profile:
H1--0 to 6 inches; fine sandy loam
H2--6 to 31 inches; sand
H3--31 to 60 inches; loam

1925--Eckvoll Loamy Fine Sand, Very Stony

Component Description

Eckvoll and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Flat on lake plain
Rise on lake plain
Slope range: 0 to 3 percent
Surface layer texture: Loamy fine sand

Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.0 feet March April May June
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet January February July August September October November December
Ponding: None
Available water capacity to a depth of 60 inches: 7.9 inches
Content of organic matter in the upper 10 inches: 1.4 percent
Typical profile:
H1--0 to 5 inches; loamy fine sand
H2--5 to 26 inches; fine sand
H3--26 to 34 inches; sandy clay loam
H4--34 to 60 inches; loam

1984--Leafriver Muck

Component Description

Leafriver and similar soils
Extent: 100 percent of the unit
Geomorphic description:
Drainageway on lake plain
Depression on lake plain
Slope range: 0 to 1 percent
Surface layer texture: Muck
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface January February March April May June July November December
Wet soil moisture status is lowest (depth, months):
More than 6.0 feet August September October
Ponding: At 0.5 foot all year
Available water capacity to a depth of 60 inches: 7.9 inches
Content of organic matter in the upper 10 inches: 70.0 percent
Typical profile:
H1--0 to 11 inches; muck
H2--11 to 16 inches; loamy sand
H3--16 to 60 inches; fine sand

CW--Census Water

Component Description

Census water
Extent: 100 percent of the unit